

**WORK AUTHORIZATION****WA 003****(DOT)  
VOLPE**

AUTHORIZATION IS GIVEN TO INITIATE WORK AS DESCRIBED IN THE U.S. DEPARTMENT OF TRANSPORTATION (VOLPE CENTER)- TECHNICAL ASSISTANCE IAG #DW6995388401 AND AS AMENDED. THIS INFORMATION IS PROVIDED FOR COST TRACKING PURPOSES.

**SDMS Document ID****2009696****To Be Filled Out by the Remedial Project Manager:**Brief Description of Work to Be Done: **SEE ATTACHED**Site Name: **LIBBY ASBESTOS SUPERFUND SITE**EPA Site Id# **08BCRV00**Remedial Project Manager: **Jim Christiansen**Period of Performance: From: **June 15, 2003** To: **September 15, 2003**Dollar Amount Needed: **\$422,207****To Be Filled Out by the IAG Project Officer:**Previous Amount: **\$ -0-** Total Amount to Date: **\$422,207****DCN: LRV 015 03 T 8ALOE 50102D 08BCRV00 CO01**

<u>IAG NUMBER</u>	<u>SUPERFUND ACCOUNT</u>	<u>OBJECT CLASS</u>	<u>COST ORG</u>	<u>AMOUNT</u>
Deob. Fm:				
Oblig. To: <b>DW6995388401</b>	<b>LRV 015 03 T 8ALOE 50102D 08BCRV00</b>	<b>2507</b>	<b>CO01</b>	<b>\$422,207</b>

  
REMEDIAL PROJECT MANAGER  
DateORIGINAL TO: **JEFF MARSALA, CINCINNATI FINANCIAL MGMT. CTR.**COPIES TO: **CAROL O'DONNELL, USEPA GRANTS SPECIALIST  
JOHN McGUIGGEN, VOLPE PROJECT MANAGER  
JIM CHRISTIANSEN, USEPA PROJECT OFFICER****AUDREY HENKEL, USEPA COST RECOVERY  
JUDITH POWELL, PROJECT OFFICER**

**ATTACHMENT B**

**STATEMENT OF WORK – WORK AUTHORIZATION FORM 3 (WAF 3)  
(6/2/03) LIBBY ASBESTOS SITE**

**Background:**

As part of their support to the Libby Asbestos Project, the Volpe Center manages and conducts technical tasks related to Cleanup/Remediation Support. This support includes assessing methodologies for effective identification of disease-causing asbestos in soils and other media (RI), and assessment of non-cancer health risks presented by exposure airborne asbestos (CSS). Support also includes general management, engineering, and technical direction (General) required to meet EPA Region 8 objectives for cradle-to-grave management of vermiculate-contaminated insulation (VCI) and other asbestos-contaminated material (ACM).

**Tasks to be Performed:**

The Volpe Center shall provide the personnel, materials and supplies to conduct the following tasks:

**Task 1. Remedial Investigation.** Assess analytical methods to identify and quantify the presence of Libby asbestos fibers in soils and other media.

**Task 2. Contaminant Screening Study.** Establish reliable dose-response and duration-response data for the non-cancer effects of inhaled Libby asbestos fibers and determine the relative potency of Libby amphibole compared to more well-characterized fibrous materials.

**Task 3. Performance Evaluation.** Perform quantitative checks and qualitative reviews of field activities and laboratories supporting cleanup and remediation. Perform office system assessments required during FY 03.

**Task 4. Exposure Assessment.**

**Task 5. General.** Perform analyses of management and environmental engineering issues, and provide appropriate technical direction to support effective and efficient cleanup/remediation. These include analysis to identify activities potentially associated with increased risk of asbestos-related health effects and technical direction to support site-specific decisions regarding the need for remedial action to protect human health.

**Cost Estimate**

The estimated cost for conducting these tasks is provided on the coversheet for WAF 3.

WAF 3 - Remedial Investigation (RI) / Contaminant Screening Study (CSS) / General

**Period of Performance**

The period of performance for conducting these tasks will be **XXX** calendar days from the date of agreement. The specific dates are provided on the coversheet for WAF 3.

**Concurrence:**

EPA Region 8 and the Volpe Center have discussed this statement of work and mutually agree to its requirements, the estimated cost, and the schedule.


EPA Region 8 Remedial Program Manager

  
Jim Christiansen

Date

6/4/03

Volpe Center Project Manager:

  
John McGuiggin

Date

6/4/03